













Scientific Evaluation of the Helmholtz-Zentrum Dresden-Rossendorf (HZDR) in the Research Field Energy



Hotel: Schloss Eckberg (Hotel and Restaurant) | Bautzner Str. 134 | 01099 Dresden, Germany
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Registration link: <https://events.hifis.net/event/1896/overview>



March 2, 2025: Arrival of participants, optional: dinner from 7 pm, Restaurant Eckberg

March 3, 2025

11.15 am Schloss Eckberg, Remise I	Welcome & registration
11.45 am	 Transfer from hotel (Dresden) to the HIF (Freiberg)
1.00 pm – 3.30 pm HIF campus Chemnitzer Str. 40 09599 Freiberg	Off-site visit: Helmholtz Institute Freiberg for Resource Technology (HIF) <i>Review panel & guests, scientific director of the HZDR, further participants from the HZDR, optional: strategic partners, scientific advisory board representatives</i>  Welcome and light lunch buffet (20') <i>Sebastian Schmidt</i> <ul style="list-style-type: none"> Introduction to the Topic Resource and Energy Efficiency and the HIF <i>Jens Gutzmer</i> HIF's pilot-scale infrastructures: Metallurgy Pilot Plant and future project FlexiPlant
3.30 pm	 Transfer to hotel (Dresden)
4.45 pm – 5.00 pm Schloss Eckberg, Remise I	 Coffee break
5.00 pm – 6.00 pm Schloss Eckberg, Remise I	Opening session <i>Review panel & guests, HZDR directors, further participants from the HZDR, optional: strategic partners, scientific advisory board representatives</i> <ul style="list-style-type: none"> Welcome (10') <i>Otmar Wiestler</i> Short introduction to the strategy of Helmholtz and the Research Field Energy, overview on the Programs (20' incl. discussion) <i>Otmar Wiestler</i> General information on the HZDR incl. strategic topics and short outlook (30' incl. discussion) <i>Sebastian Schmidt</i>
6.00 pm – 7.00 pm Schloss Eckberg, Remise IV	Reviewers' closed session <i>Review panel & guests</i> Remaining questions on the tasks or schedule of the evaluation process.
7.00 pm – 7.30 pm	 Short break and walk to Restaurant Eckberg
7.30 pm Restaurant Eckberg Festsaal	 Formal dinner <i>Review panel & guests, HZDR directors, local organizers and further participants from the HZDR, optional: strategic partners, scientific advisory board representatives</i>

March 4, 2025			
8.30 am	 Transfer from hotel to HZDR campus (Dresden-Rossendorf)		
9.00 am – 11.40 am Lecture hall	<p>Presentation of HZDR's scientific activities (plenary session) <i>Review panel & guests, directors of the HZDR, representatives of Programs and Topics, scientists, further participants from the HZDR, optional: scientific advisory board representatives</i></p> <p>Presentations along the Programs and Topics; incl. depiction of the Topic and HZDR's contribution, major achievements, key future goals, cross-program activities, and connection to the Information & Data Science Platforms</p> <ul style="list-style-type: none"> Opening (10') <i>Sebastian Schmidt</i> Program MTET: HZDR research on Resource and Energy Efficiency & Electrochemical Energy Storage <ul style="list-style-type: none"> Metals and Minerals Cycle (45' incl. discussion) <i>Jens Gutzmer, Ajay B. Patil</i> Technologies and Tools for Energy-Intensive Processes // Liquid Metal Batteries (45' incl. discussion) <i>Kerstin Eckert, Uwe Hampel</i> 		
	 Coffee break (15')		
	<ul style="list-style-type: none"> Program NUSAFE: HZDR research on Nuclear Waste Management & Reactor Safety (45' incl. discussion) <i>Thorsten Stumpf, Kristina Kvashnina</i> 		
11.40 am – 1.15 pm 114/203 (additional rooms available)	<p>Reviewers' closed session <i>Review panel</i></p> <p>First impressions of plenary session in the morning, identification of topics to be discussed in more detail</p> <p> Incl. lunch buffet</p>		
1.15 pm – 1.30 pm	 Walk/transfer to institutes		
1.30 pm – 4.30 pm	<p>Facility & lab visits – discussions with scientists in small groups <i>Review panel & guests, scientists, optional: scientific advisory board representatives</i></p> <p>Parallel sessions along Programs and Topics, incl. posters, short presentations, and discussions with young scientists</p> <table border="1"> <tr> <td> <p><u>Session MTET – Topics Resource and Energy Efficiency & Electrochemical Energy Storage</u> <i>at the Institute of Fluid Dynamics</i></p> <ul style="list-style-type: none"> Introduction of the core team TOPFLOW+, TOPFLOW, MHD Hall, Biotechnology labs Discussion with young scientists </td><td> <p><u>Session NUSAFE – Topics Nuclear Waste Management & Reactor Safety</u> <i>at the Institute of Resource Ecology</i></p> <ul style="list-style-type: none"> Introduction of the core team Radiochemical labs, hot cells, TOPFLOW Discussion with young scientists </td></tr> </table>	<p><u>Session MTET – Topics Resource and Energy Efficiency & Electrochemical Energy Storage</u> <i>at the Institute of Fluid Dynamics</i></p> <ul style="list-style-type: none"> Introduction of the core team TOPFLOW+, TOPFLOW, MHD Hall, Biotechnology labs Discussion with young scientists 	<p><u>Session NUSAFE – Topics Nuclear Waste Management & Reactor Safety</u> <i>at the Institute of Resource Ecology</i></p> <ul style="list-style-type: none"> Introduction of the core team Radiochemical labs, hot cells, TOPFLOW Discussion with young scientists
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4.30 pm – 5.00 pm	 Walk/transfer to library,  Coffee break		

5.00 pm – 6.30 pm Library	Strategic topics <i>Review panel & guests, HZDR directors, specific staff and strategic partners, optional: scientific advisory board representatives</i> Presentation and discussion of HZDR's strategy, measures, and instruments on strategic topics. <ul style="list-style-type: none"> ▪ Introduction <i>Sebastian Schmidt</i> ▪ Cooperation <i>Chair: Sebastian Schmidt</i> <i>Partners: Ursula Staudinger (TUD), Klaus-Dieter Barbknecht (TUBAF), Mavrik Zavarin (LLNL)</i> ▪ Transfer and innovation <i>Chair: Uwe Pöpping</i> <i>Partners: Lucie Prost (AirLiquide), Kay Dornich (Freiberg Instruments)</i> ▪ Sustainability <i>Chair: Sylvia Maus</i> ▪ Talent management <i>Chair: Diana Stiller</i> <i>Talent: Kristina Kvashnina</i> ▪ Diversity and equal opportunity <i>Chair: Lakshmi Bhaskaran</i>
6.30 pm	 Transfer to hotel
7.00 pm – 8.00 pm Restaurant Eckberg Gartensaal	Reviewers' closed session <i>Review panel</i> Incl. announcement of remaining questions at the end of the session
8.00 pm Restaurant Eckberg Gartensaal	 Working dinner (buffet) of review panel <i>Review panel</i>

March 5, 2025	
8.45 am	 Transfer from hotel to HZDR campus (Dresden-Rossendorf)
9.15 am – 10.00 am 114/203	Closed discussion of review panel with representatives of the scientific advisory board <i>Review panel & guests, scientific advisory board representatives</i>
10.00 am – 11.00 am 114/203	Clarification of remaining questions <i>Review panel & guests, HZDR participants to be determined by the panel, optional: scientific advisory board representatives</i>
11.00 am – 4.00 pm 114/203 (additional rooms available)	Final reviewers' closed session <i>Review panel</i> Discussion and preparation of the draft evaluation report  Incl. lunch buffet (12.00 pm – 2.00 pm)
4.00 pm – 5.00 pm Lecture hall	Initial notification of the review results <i>Review panel & guests, HZDR directors, further participants of the HZDR</i>
5.00 pm	End of the on-site evaluation